

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/002097

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16K17/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 45 975 A1 (MANNESMANN REXROTH AG) 29 August 2002 (2002-08-29) cited in the application column 2, line 64 – column 3, line 26; figure 1	1,7
A	EP 1 312 843 A (HYDRAFORCE, INC) 21 May 2003 (2003-05-21) abstract; figure 3	1
A	EP 0 908 653 A (MANNESMANN REXROTH AG) 14 April 1999 (1999-04-14) column 5, line 15 – line 37; figure 2	1,7
A	DE 43 04 796 A1 (MANNESMANN REXROTH GMBH, 97816 LOHR, DE) 18 August 1994 (1994-08-18) column 3, line 63 – column 5, line 29; figures 1,2	1

Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

23 February 2005

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03/03/2005

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Information on patent family members

International Application No
PCT/DE2004/002097

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 10145975	A1	29-08-2002	WO EP	0238990 A2 1332305 A2	16-05-2002 06-08-2003	
EP 1312843	A	21-05-2003	EP US	1312843 A1 2003094201 A1	21-05-2003 22-05-2003	
EP 0908653	A	14-04-1999	DE EP	19744337 A1 0908653 A1	08-04-1999 14-04-1999	
DE 4304796	A1	18-08-1994		NONE		